



Concrete Tool Importers Ltd

76A Oxford Street
Richmond, Nelson
New Zealand
P. 03 544 6943
Poisons Centre 0800 764 766

SAFETY DATA SHEET

August 2019

1. Identification of the material and supplier

Names

: **CURING COMPOUND C156**

ADG

Supplier

Supplier

: Concrete Tool Importers Ltd
76 A Oxford Street
Richmond
Nelson

Telephone : 03 544 6943

Fax No : 03 544 6940

Poisons Centre : 0800 764 766

Use of the Substance/preparation : Chemical for surface hardening and dustproofing concrete

2. Hazards identification

Classification : Not a hazardous substance or mixture for transportation on land

Classified as hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.

Signal Word : WARNING

Subclass : 6.1 Category E – Substances that are acutely toxic
: 6.3 Category A – Substances that are irritating to skin
: 6.4 Category A – Substances that are irritating to eye

Statement of hazard : H303 May be harmful if swallowed

: H315 Causes skin irritation

: H319 Causes serious eye irritation

Statement of Prevention : P102 Keep out of reach of children

: Wash hands thoroughly after handling

: P280 Wear protective gloves, clothing, eye and face protection

Response : P302+P352 Wash skin with plenty of soap and water

: P321 see First Aid Measures on Safety Data Sheet

: P332+P313 If skin irritation occurs seek medical attention

: P362 Remove contaminated clothing

: P305+P351+P338 If in eyes rinse with water, remove contact lenses, continue rinsing

3. Composition/information on ingredients

Mixture :

Sodium Silcate : > 25% Hazard Codes H319, H315, H335

Other ingredients determined not to be hazardous according to NOHSC criteria and not dangerous according to the ADG Code make up the product concentration of 100%

4. First aid measures

- Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.
- Ingestion : Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious give small quantities of water to drink. Do not induce vomiting unless directed to by medical personnel. Get medical attention if symptoms occur.
- Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur
- Eye contact : Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if irritation continues.
- Protection of first aiders : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire fighting measures

- Suitable Extinguishing Media : Not combustible. However use fine water spray, normal foam if in fire.
- Unsuitable Extinguishing Media : None known
- Special protective equipment and precautions for fire fighters : Decomposes on heating emitting toxic fumes. Wear self-contained breathing apparatus if risk of product decomposing

7. Accidental release measures

- Emergency procedures / Environmental precautions
- : No special environmental precautions needed.
 - : Deny access to unprotected persons.
 - : Soak up with absorbent material.
 - : Collect and store in properly labeled containers.

6. Handling and storage

- Precautions for Safe Handling
- : Avoid skin and eye contact and breathing in vapour. Keep out of reach of children.
 - : When using do not eat, drink or smoke. Wash thoroughly after handling.
 - : Launder contaminated clothing.
- Conditions for Safe Storage
- : Store in a dry, cool well ventilated place. Store away from foodstuffs. Do not store in aluminium, brass, copper, zinc or fiberglass containers, mild steel is most suitable.

8. Exposure controls/personal protection

- Workplace Exposure Standards : No value assigned by NZ Workplace Health & Safety Authority
- Appropriate Engineering Controls : Use in well ventilated areas. Keep containers closed when not in use.
- Individual Protection Measures : Overalls, Safety Shoes, Chemical Goggles, Gloves, Respirator (if inhalation risk)

9. Physical and chemical properties

Physical State	: Liquid
Colour	: Clear
Odour	: Detergent type smell
Solubility	: Miscible with water
Specific Gravity	: 1.09
Relative Vapour Density	: Not available
Vapour Pressure	: Not available
Flash Point C	: Not applicable
Flammability Limits	: Not applicable
Auto Ignition Temp.	: Not applicable
Boiling Point C	: 102
PH	: 11
Freezing Point C	: 0

10. Stability and reactivity

Reactivity	: No dangerous reaction known under normal conditions
Chemical Stability	: Stable under normal conditions
Possibility of Hazardous Reaction	: May react with ammonium salts liberating ammonia. : May react with metals to produce flammable hydrogen gas.
Conditions to Avoid	: No data available
Incompatible Materials	: Acids, ammonium salts, aluminum, brass, bronze, copper, tin, zinc, lead, glass
Hazardous decomposition:	Hydrogen

11. Toxicological information

Acute Toxicity	: No data available
Skin Contact	: Causes burns
Eye Contact	: Eye irritant
Inhalation	: Breathing in mists or aerosols may cause respiratory irritation
Ingestion	: Swallowing may result in irritation of the gastrointestinal tract.
Respiratory or Skin Sensitisation	: No information available
Chronic Effects	: Frequent ingestion may be associated with the formation of kidney stones.
Mutagenicity	: No evidence of mutagenic effects
Carcinogenicity	: Not classified based on known information
Reproductive Toxicity	: Not classified based on known information
STOT Single Exposure	: Not classified based on known information
STOT Repeat Exposure	: Not classified based on known information
Aspiration Hazard	: Not classified based on known information

15. Ecological information

Ecotoxicity	: Avoid contaminating waterways
Persistence/degradability	: Not persistent
Bioaccumulative	: This product shows a low bioaccumulation potential
Mobility in Soil	: Expected to be mobile in soil

16. Disposal Considerations

Waste from Residues	: Send to a licensed waste management company : Do not contaminate waterways, ponds or ditches.
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Contaminated Packaging : Empty remaining contents, Do not reuse empty containers.
: Send to a licensed waste management company

14. Transport Information

Road and Rail : Not classified as dangerous
Marine : Not classified as dangerous
Air : Not classified as dangerous

15. Regulatory Information

Classified as hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.
Subclass : 6.1 Category E – Substances that are acutely toxic
: 6.3 Category A – Substances that are irritating to skin
: 6.4 Category A – Substances that are irritating to eye
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: H315 Causes skin irritation
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16. Other Information

Supplier Safety Data Sheet 13/08/2019

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.